



US ATLAS ONBOARDING EVENT

APRIL 7, 2022

USER ACCOUNT CREATION PROCESS

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USER ACCOUNT CREATION PROCESS

GENERAL STEPS

1. Sign up for a CIConnect account
2. Upload public SSH key

Basic steps listed on US-ATLAS AF docs site

- USER ONBOARDING
 - About the Facilities
 - Applying for User Accounts
 - Brookhaven National Lab
 - University of Chicago
 - SLAC National Accelerator Laboratory
- QUICKSTART GUIDES
 - BNL
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- DATA STORE, ACCESSING AND SHARING
 - Data Storage at BNL
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- JUPYTER AT ANALYSIS FACILITIES
 - Introduction
 - Jupyter at BNL
 - Jupyter at UChicago with Coffea

Applying for a BNL computing account is a multi-step process. You will need to go through the following steps:

- Register for a Guest Number (if you don't already have a valid Life or Guest Number)
 - Same for as if you were going to visit BNL campus
 - Most likely will need to upload photos of identification
 - Non-citizens will need to upload your CV
- Complete CyberSecurity training and Computer Use agreement
- Sign up for a New User Account
 - Complete directly on the BNL New User Account site above

University of Chicago

The UChicago AF user account signup process is much shorter than the other two labs, but still requires approval (which can take a few days). The website containing sign-up information is here: [UChicago AF Website](#).

The process is as follows:

- Account Creation
 - Multiple ways to sign up
 - Should use CERN email/info for quicker turnaround
- Upload public SSH key (Necessary for access)

- ▶ Go to UChicago AF site
 - ▶ af.uchicago.edu
 - ▶ Listed on US-ATLAS AF Docs site:
 - ▶ usatlas-af-docs.readthedocs.io

USER ONBOARDING

About the Facilities

☒ Applying for User Accounts

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QUICKSTART GUIDES

BNL

UChicago

SLAC

DATA STORE, ACCESSING AND SHARING

Data Storage at BNL

Data Sharing

JUPYTER AT ANALYSIS FACILITIES

Introduction

Jupyter at BNL

Jupyter at UChicago with Coffea

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1. SIGN UP FOR CICONNECT ACCOUNT

- Go to UChicago AF site
 - af.uchicago.edu
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- Click Sign-Up



An analysis facility for the ATLAS collaboration

Tier 3 computing

Login

Sign Up



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- ▶ Click Sign-Up
 - ▶ Accept Use Policy
 - ▶ Continue

Sign up for ATLAS Analysis Facility

To create an account, you can use your UChicago email address or your UChicago Support Team. Click Continue below.

Continue

Acceptable Use Policy

Your use of the ATLAS Analysis Facility at UChicago shall imply acceptance of the following agreement:

I have read and agree to the terms and conditions of the WLCG Computing Grid and the ATLAS VO Acceptable Use Policy.

WLCG Terms of Use and Acceptable Use Policy

By registering with the Virtual Organization (the "VO") as a GRID user you shall be deemed to accept these conditions of use:

1. You shall only use the GRID to perform work, or transmit or store data consistent with the stated goals and policies of the VO of which you are a member and in

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- ▶ Click Sign-Up
 - ▶ Accept Use Policy
 - ▶ Continue
- ▶ Globus Site
 - ▶ Use CERN for account and login



Sign up to use ci-connect with a login that you already have!

Use your existing organizational login

e.g. university, national lab, facility, project, Google or [Globus ID](#)

Look-up your organization..

Didn't find your organization? Then use [Globus ID to sign up](#). ([What's this?](#))

By selecting Continue, you agree to Globus [terms of service](#) and [privacy policy](#).

Continue

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 - ▶ Continue
- ▶ Globus Site
 - ▶ Use CERN for account and login
 - ▶ Verify details, agree to privacy policy, and continue



Complete Your Sign Up For aroepe@cern.ch

Name Amber Roepe

Email amber.roepe-gier@cern.ch

Organization CERN

I have read and agree to the Globus [Terms of Service](#) and [Privacy Policy](#).

Continue

* This field is specified by the identity provider, and cannot be modified by Globus. If you change it with your identity provider, it will propagate to Globus the next time you log in.

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 - ▶ Verify details, agree to privacy policy, and continue
 - ▶ Allow ci-connect to use info




Acc

ci-connect would like to:

- ✔ View your email address ⓘ
- ✔ Manage data using Globus Transfer ⓘ
- ✔ View identity details ⓘ
- ✔ View your identity ⓘ

To work, the above will need to: ✓

By clicking "Allow", you allow **ci-connect** (this client has not provided terms of service or a privacy policy to Globus) to use the above listed information and services. You can rescind this and other [consents](#)  at any time.

Allow

Deny

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 - ▶ Verify details, agree to privacy policy, and continue
 - ▶ Allow ci-connect to use info
- ▶ Success!!

ATLAS EXPERIMENT ANALYSIS FACILITY at UCHICAGO

Create Profile

Globus ID: [REDACTED]

** = required field*

Name *

Unix Username *
 Please use POSIX unix convention ?

Phone *

Adding or generating a new SSH key

[Already have an SSH key](#)

[Generate a new SSH key](#)

1. In a terminal, type `ssh-keygen -t`
2. Hit enter for the file name (typically `id_rsa`)
never ask you for a passphrase
3. In order to see your public key type `cat ~/.ssh/id_rsa.pub`
4. Use your mouse to copy the public key `ssh-rsa AAAAB30`
5. Copy the selected text
6. Paste the content into the 'SSH Key' field

1. SIGN UP FOR CICONNECT ACCOUNT

▸ Need to generate public key

▸ Steps shown on AF profile page

1. Generate key pair
2. View public key
3. Copy key to clipboard

Adding or generating your SSH public key:

Already have an SSH public key? i

Generate a new SSH public key i

1. In a terminal, type:

```
ssh-keygen -t rsa
```

2. Hit enter for the default location, and optionally enter a password. This will generate two files: A private key file (typically `id_rsa`) and a key file (typically `id_rsa.pub`). The private key should **never** be shared, and VC3 will never ask you for your private key.

3. In order to see your SSH public key type:

```
cat ~/.ssh/id_rsa.pub
```

4. Use your mouse to select everything that is printed to the screen, the format should look like:

```
ssh-rsa AAAAB3N...M7Q== yourusername@yourmachine
```

5. Copy the selection to the clipboard.

6. Paste the contents of the clipboard in the corresponding box on your CI Connect Profile.

2. UPLOAD PUBLIC SSH KEY

- ▶ Need to generate public key
 - ▶ Steps shown on AF profile page
 1. Generate key pair
 2. View public key
 3. Copy key to clipboard
- ▶ Paste Public SSH key to AF profile

Please use POSIX unix convention ?

UNIX alpha-numeric and underscore

Phone *

111 111 1111

Institution *

CERN

Email * (please use institutional email)

amber.roepe-gier@cern.ch

SSH Public Key

Please enter your SSH public key here...

2. UPLOAD PUBLIC SSH KEY



QUESTIONS OR
COMMENTS?